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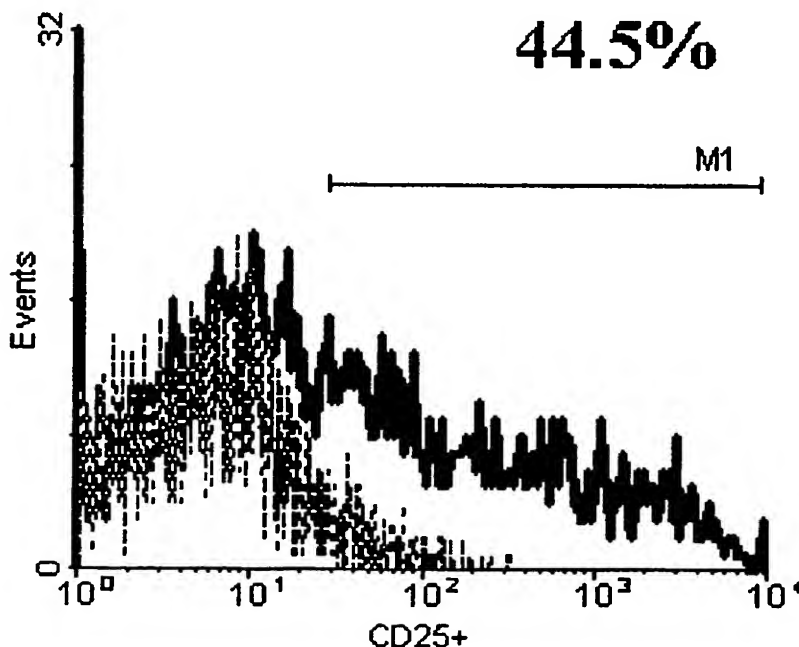
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, EMBASE, EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 19844 A (CROW MARY K ;LI YIXIN (US); NEW YORK SOCIETY (US)) 22 March 2001 (2001-03-22) the whole document page 45, line 1-3 page 46, line 15 -page 47, line 14 page 55, line 21 - line 30 ---	1-8
X	WO 02 24896 A (DOUGALL WILLIAM C ;IMMUNEX CORP (US)) 28 March 2002 (2002-03-28) the whole document page 1, line 11-24 page 15, line 32 -page 16, line 4 page 18, line 4 - line 20 page 23, line 31 -page 24, line 6 --- -/--	1-8

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	BECKER CHRISTOPH ET AL: "Constitutive and inducible in vivo protein-DNA interactions at the tumor necrosis factor-alpha promoter in primary human T lymphocytes" GENE EXPRESSION, vol. 8, no. 2, 1999, pages 115-127, XP008027971 ISSN: 1052-2166 the whole document page 116, column 2, paragraphs 2,3 page 117, column 2, paragraph 3 page 118, column 1, paragraphs 2,4 page 122, column 2, paragraphs 1-3	5,6
Y	-----	1-4,7,8
Y	US 6 291 645 B1 (STROMINGER JACK L ET AL) 18 September 2001 (2001-09-18) the whole document column 19, line 50 -column 20, line 19 -----	1-4,7,8
A	WO 97 39722 A (LIN AUGUSTINE Y T ;T CELL SCIENCES INC (US); UMLAUF SCOTT W (US);) 30 October 1997 (1997-10-30) the whole document page 3-6 -----	1-8

INTERNATIONAL SEARCH REPORT

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0119844	A	22-03-2001	WO 0119844 A1	22-03-2001
WO 0224896	A	28-03-2002	AU 9303001 A	02-04-2002
			CA 2423052 A1	28-03-2002
			EP 1368464 A2	10-12-2003
			WO 0224896 A2	28-03-2002
			US 2002086312 A1	04-07-2002
US 6291645	B1	18-09-2001	US 5962224 A	05-10-1999
			AU 1291197 A	14-07-1997
			WO 9722255 A1	26-06-1997
WO 9739722	A	30-10-1997	AU 2814897 A	12-11-1997
			WO 9739722 A2	30-10-1997